

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled DISCRETE EVENT SIMULATOR, the specification of which

Regular Application

is attached hereto.

was filed on [Date Application was Filed] as Application Serial No. [Serial No.] and was amended on [Date of Amendment] (if applicable).

PCT Application Entering National Phase

was filed on [Date] as PCT International Application No. [App. No.] and was amended on [Date of Amendment] (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Claimed

(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

60/267,529 (Application Number)	February 9, 2001 (Filing Date)	
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I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

(Application Serial No.)	(Filing Date)	(Status-patented, pending, abandoned)
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I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Robert D. Kuckler, Reg. No. 45,908; Frederick H. Colen, Reg. No. 28,061; Gene A. Tabachnick, Reg. No. 33,801; Maria N. Bernier, Reg. No. 37,433; Barry J. Coyne Reg. No. 43,566; Kirsten R. Rydstrom, Reg. No. 38,603; Paul D. Bangor, Jr., Reg. No. 34,768; Cheryl L. Gastineau, Reg. No. 39,469; Ian K. Samways, Reg. No. 36,664; Charles H. Dougherty, Jr., Reg. No. 42,494; Marc J. Farrell, Reg. No. 37,826; Louis M. Heidelberger, Reg. No. 27,899; John W. Goldschmidt, Jr., Reg. No. 34,828; William J. McNichol, Jr., Reg. No. 31,179; R. Anthony Diehl, Reg. No. 38,432; Maryellen Feehery, Reg. No. 44,677; Carl H. Pierce, Reg. No. 45,730; Nanda P.B.A. Kumar, Reg. No. 44,853; Thomas J. McWilliams, Reg. No. 44,930; Tara L. Rachinsky, Reg. No. P-47,875; Matthew J. Esseman, Reg. No. 41,536; Jonathan M. Darcy, Reg. No. 44,054; Stanley P. Fisher, Reg. No. 24,344; Juan Carlos A. Marquez, Reg. No. 34,072; Gerald Kiel, Reg. No. 25,116; Eugene Le Donne, Reg. No. 35,930; Jules Goldberg, Reg. No. 24,408; Lloyd Mc Aulay, Reg. No. 20,423; Harold Nissen, Reg. No. 17,283; Arthur Dresner, Reg. No. 24,403; Stephen Chin, Reg. No. 39,938; Samir Patel, Reg. No. 44,998; W. Scott Railton, Reg. No. 23,039; and Mary E. Buckles, Reg. No. 31,907

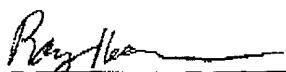
Address all telephone calls to [Atty/Agent] at telephone number (412) 288-

Address all correspondence to:

[Atty/Agent]
REED SMITH LLP
P.O. Box 488
Pittsburgh, PA 15230-0488

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor's Signature



Date: 1/11/02

Full name of sole or first inventor

HOARE, II, Raymond R.

Residence

Pittsburgh, PA

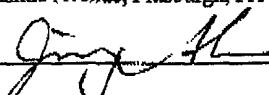
Country of Citizenship

USA

Post Office Address

438 South Atlantic Avenue, Pittsburgh, PA 15224

Inventor's Signature



Date: 1/11/02

Full name of sole or first inventor

AHN, Jiyong

Residence

Pittsburgh, PA

Country of Citizenship

South Korea

Post Office Address

1521 Fairmont Street, Pittsburgh, PA 15221

Inventor's Signature

Date: _____

Full name of sole or first inventor

GRAVES, Jesse

Residence

Pittsburgh, PA

Country of Citizenship

USA

Post Office Address

210 Pontiac Avenue, Pittsburgh, PA 15237

Reed Smith LLP

P.O. Box 488

Pittsburgh, PA 15230-0488

(412) 288-3131

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Regular Application

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Address all telephone calls to Robert D. Kucler at telephone number (412) 288-4598.

Address all correspondence to:

Robert D. Kucler, Esquire
REED SMITH LLP
P.O. Box 488
Pittsburgh, PA 15230-0488

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor's Signature

Full name of sole or first inventor

HOARE, II, Raymond R.

Date: _____

Residence

Pittsburgh, PA

Country of Citizenship

USA

Post Office Address

438 South Atlantic Avenue, Pittsburgh, PA 15224

Inventor's Signature

Full name of sole or first inventor

AHN, Jiyoung

Date: _____

Residence

Pittsburgh, PA

Country of Citizenship

South Korea

Post Office Address

1521 Fairmont Street, Pittsburgh, PA 15221

Inventor's Signature

Full name of sole or first inventor

GRAVES, Jesse

Date: 1/11/2002

Residence

Pittsburgh, PA

Country of Citizenship

USA

Post Office Address

210 Pontiac Avenue, Pittsburgh, PA 15237

Reed Smith LLP
P.O. Box 488
Pittsburgh, PA 15230-0488
(412) 288-3131

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

[FFirst named Inventor]

Serial No.: (Not Yet Assigned)

Filed: January 11, 2002

Atty. Docket No.: 01-014-US

DISCRETE EVENT SIMULATOR

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) AND 1.27(b)) - INDEPENDENT INVENTOR**

As a below named inventor, I hereby declare that I qualify as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code, to the Patent and Trademark Office with regard to the invention entitled **DISCRETE EVENT SIMULATOR** and described in

- the specification filed herewith.
- Application Serial No. [Ser. No.], filed [Date].
- Patent No. [No.], issued [Date].

I have not assigned, granted, conveyed or licensed and am under no obligation under contract or law to assign, grant, convey or license, any rights in the invention to any person who could not be classified as an independent inventor under 37 CFR 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below.

- no such person, concern, or organization
- persons, concerns or organizations listed below*

*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities (37 CFR 1.27)

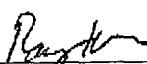
NAME: University of Pittsburgh
ADDRESS: Office of Technology Management, 200 Gardner Steel Conference Center, Thackery and O'Hara Streets, Pittsburgh, PA 15260
 INDIVIDUAL SMALL BUSINESS CONCERN NONPROFIT ORGANIZATION

NAME:
ADDRESS:
 INDIVIDUAL SMALL BUSINESS CONCERN NONPROFIT ORGANIZATION

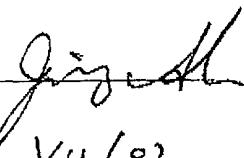
NAME:
ADDRESS:
 INDIVIDUAL SMALL BUSINESS CONCERN NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

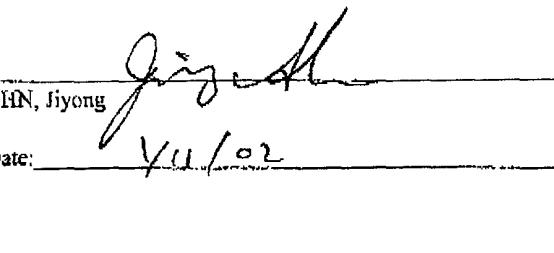
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.


HOARE, Raymond R.

Date: 11/10/02


AHN, Jiyong

Date: 11/10/02


GRAVES, Jesse

Date:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

HOARE, et al.

Serial No.: (Not Yet Assigned)

Filed: January 11, 2002

Atty. Docket No.: 01-014-US

DISCRETE EVENT SIMULATOR

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) AND 1.27(B)) - INDEPENDENT INVENTOR**

As a below named inventor, I hereby declare that I qualify as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code, to the Patent and Trademark Office with regard to the invention entitled **DISCRETE EVENT SIMULATOR** and described in

- the specification filed herewith.
 Application Serial No. , filed .
 Patent No. [No.], issued [Date].

I have not assigned, granted, conveyed or licensed and am under no obligation under contract or law to assign, grant, convey or license, any rights in the invention to any person who could not be classified as an independent inventor under 37 CFR 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below.

- no such person, concern, or organization
 persons, concerns or organizations listed below*

*NOTE: *Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities (37 CFR 1.27)*

NAME: University of Pittsburgh
ADDRESS: Office of Technology Management, 200 Gardner Steel Conference Center, Thackery and O'Hara
Streets, Pittsburgh, PA 15260
 INDIVIDUAL SMALL BUSINESS CONCERN NONPROFIT ORGANIZATION

NAME:
ADDRESS:
 INDIVIDUAL SMALL BUSINESS CONCERN NONPROFIT ORGANIZATION

NAME:
ADDRESS:
 INDIVIDUAL SMALL BUSINESS CONCERN NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

HOARE, Raymond R.

Date: _____

AHN, Jiyong

Date: _____

Jesse Graves
GRAVES, Jesse

Date: January 11th, 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

HOARE, et al.

Serial No.: (Not Yet Assigned)

Filed: January 11, 2002

Atty. Docket No.: 01-014-US

DISCRETE EVENT SIMULATOR

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) and 1.27(d)) - NONPROFIT ORGANIZATION**

I hereby declare that I am an official empowered to act on behalf of the nonprofit organization identified below:

NAME OF ORGANIZATION: University of Pittsburgh

ADDRESS OF ORGANIZATION: Office of Technology Management, 200 Gardner Steel Conference Center, Thackery and O'Hara Streets, Pittsburgh, PA 15260

- UNIVERSITY OR OTHER INSTITUTION OF HIGHER EDUCATION
- TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 USC 501(a) and 501(c)(3))
- NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF
STATE OF THE UNITED STATES OF AMERICA
(NAME OF STATE: [State])
(CITATION OF STATUTE: [Cite])
- WOULD QUALIFY AS TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE
(26 USC 501(a) and 501(c)(3)) IF LOCATED IN THE UNITED STATES OF
AMERICA
- WOULD QUALIFY AS NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER
STATUTE OF STATE OF THE UNITED STATES OF AMERICA IF LOCATED IN THE
UNITED STATES OF AMERICA
(NAME OF STATE: [State])
(CITATION OF STATUTE: [Cite])

I hereby declare that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR 1.9(e) for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code with regard to the invention entitled DISCRETE EVENT SIMULATOR by inventors HOARE, et al. described in

- the specification filed herewith
- Application Serial No. _____, filed _____.
- Patent No. [No.], issued [Date].

I hereby declare that the rights under contract or law have been conveyed to and remain with the nonprofit organization with regard to the above identified invention.

If the rights held by the nonprofit organization are not exclusive, each individual, concern or organization having rights to the invention is listed below* and no rights to the invention are held by any person, other than the inventor, who could not qualify as a small business concern under 37 CFR 1.9(d) or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

*NOTE: *Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities (37 CFR 1.27)*

NAME:

ADDRESS:

INDIVIDUAL SMALL BUSINESS CONCERN NONPROFIT ORGANIZATION

NAME:

ADDRESS:

INDIVIDUAL SMALL BUSINESS CONCERN NONPROFIT ORGANIZATION

NAME:

ADDRESS:

INDIVIDUAL SMALL BUSINESS CONCERN NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

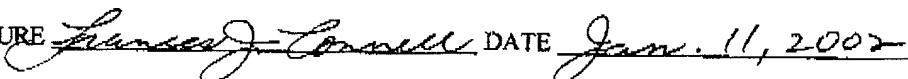
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING: Frances J. Connell, Esquire

TITLE IN ORGANIZATION: Director, Office of Technology Transfer

ADDRESS OF PERSON SIGNING: Office of Technology Management, 200 Gardner Steel Conference Center,
Thackery and O'Hara Streets, Pittsburgh, PA 15260

SIGNATURE



DATE

Jan. 11, 2002